

A CUMULATIVE INDEX

**TO THE 1976 ISSUES OF
A CONTINUING BIBLIOGRAPHY ON**

**AEROSPACE MEDICINE
AND BIOLOGY**

JANUARY 1977

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

SUPPLEMENTS COVERED IN THIS INDEX

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NASA SP-7011 (163)

**A CUMULATIVE INDEX
TO
A CONTINUING BIBLIOGRAPHY ON

AEROSPACE MEDICINE
AND BIOLOGY**

**This Cumulative Index supersedes the indexes
contained in supplements [SP-7011 (151)
through SP-7011 (162)], published by NASA
during 1976.**



Scientific and Technical Information Office

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

**JANUARY 1977
Washington, D.C.**

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INTRODUCTION

WHAT THIS CUMULATIVE INDEX IS

This publication is a cumulative index to the abstracts contained in NASA SP-7011(151) through NASA SP-7011(162) of *Aerospace Medicine and Biology: A Continuing Bibliography*, NASA SP-7011, by means of supplements, serves as a current abstracting and announcement journal for references on bioscience and biotechnology. It has been compiled through the cooperative efforts of the American Institute of Aeronautics and Astronautics (AIAA), and the National Aeronautics and Space Administration (NASA). Entries prepared by the two contributing organizations are identified as follows:

1. NASA entries by their *STAR* accession numbers (N76-10000 series)
2. AIAA entries by their */AA* accession numbers (A76-10000 series)

HOW THIS CUMULATIVE INDEX IS ORGANIZED

This Cumulative Index includes a subject index, a personal author index, and a corporate source index.

HOW TO USE THE SUBJECT INDEX

Two types of cross-references appear in the subject index:

1. Use (U) references indicate that the subject term is not "postable," i.e., not a valid term, and that the following term or terms are used instead. For example:

DOSE

U DOSAGE

AIRLINERS

U COMMERCIAL AIRCRAFT

U PASSENGER AIRCRAFT

2. Narrower Term (NT) references refer the user to more specific headings in the same subject area, under which additional material on the subject may be found. For example:

FATIGUE (BIOLOGY)

NT AUDITORY FATIGUE

NT FLIGHT FATIGUE

NT MUSCULAR FATIGUE

In addition, a searcher may use the title or title and title extension in the index to narrow further his quest for particular items, this is because subject terms can readily include more than one class of document. For example:

BIOLOGICAL EFFECT

Vibratory force effect upon
biological systems, particularly
human organism.
Biological effect of cosmic and
solar radiations on human
body at high altitudes.

illustrates a case where two references on different topics are listed under the same subject term.

HOW TO USE THE PERSONAL AUTHOR INDEX

All personal authors used in the abstract-section citations in the individual Supplements appear in the index. Differences in translation schemes may require multiple searching of the index for variants of an author's name. For example:

EMELIANOV, M. D.

and

YEMEL'YANOV, M. D.

HOW TO USE THE CORPORATE SOURCE INDEX

The corporate source index entries are abridged versions of the corporate sources used in the abstract-section citations in the individual Supplements. The corporate source supplementary (organizational component) does not appear in the index. For example:

NEW MEXICO STATE UNIV., LAS CRUCES. DEPT. OF BIOLOGY. (Source citation entry)

NEW MEXICO STATE UNIV., LAS CRUCES. (Source index entry)

IDENTIFICATION OF DESIRED SUPPLEMENT

The abstract and descriptive cataloging for any accession number selected from the indexes may be found in the appropriate Supplement. The page-number range of each Supplement appears on the inside front cover of this index. Once the range of page numbers containing the selected accession number is located in the second column, the desired Supplement number will be found in the first column. For example:

Page 255 will be found in Supplement 159.

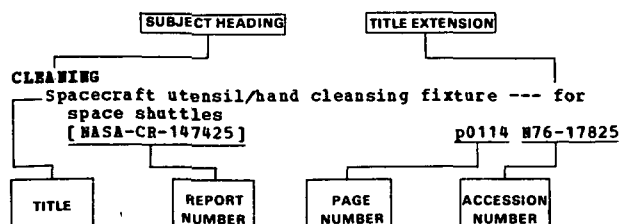
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Aeromedical Implications of Recent Experience with Communicable Disease
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Transportation by air of a Lassa fever patient in 1974

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Early detection of disease program: Evaluation of the cellular immune response

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Applications of luminescent systems to infectious disease methodology

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A perceptual channel for information transfer over kilometer distances Historical perspective and recent research --- extrasensory perception

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The effect of time sharing on the performance of information processing tasks: A feedback control analysis

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Information processing for several sensory channels and effectors, part 1 --- manual compensatory control task

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Analysis of human factors in aircraft accidents

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Effects on the information processing capacity which are obtained by taking into account the subjective organization

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Development of a computer simulation model for evaluating DAIS display concepts --- Digital Avionics Information System

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Computer applications in the biological sciences

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Simultaneous processing of bisensory information --- sensory perception and human performance man machine systems

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Registry of toxic effects of chemical substances, 1975 edition

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Benefits and problems of seven exploratory telemedicine projects

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INFORMATION THEORY

Investigation of the information content of symptoms and systems approach in the evaluation of indices --- for medical diagnosis

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Redundancy and compatibility in choice-reaction situations with advance information --- German book

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[BMVG-PBWT-75-16] p0251 N76-26854

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The role of initiation factor-3 in the translation
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[PBL-1975-15] p0307 N76-31883

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A 15-electrode totally implanted time-multiplex
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circulation and gas exchange --- Russian book
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Psychological problems of interplanetary flight

--- Russian book

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Ecology and thermal inactivation of microbes in

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Ecology and thermal inactivation of microbes in

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[NASA-CR-147837]

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Work-induced potassium changes in skeletal muscle
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Light-induced glutamate transport in Halobacterium
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UREA/ammonium ion removal system for the orbiting
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IRON ORES

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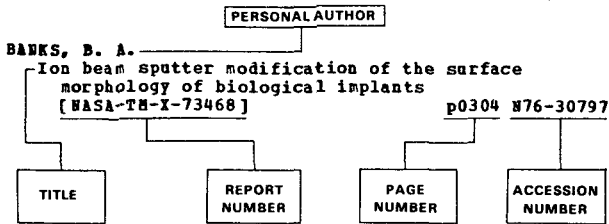
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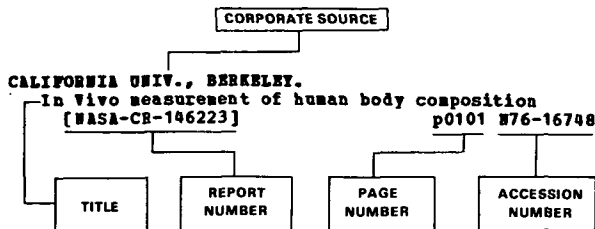
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